AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method comprising:

receiving, at a transceiver, a beacon frame wherein ~~said~~ the beacon frame comprises a beacon interval and wherein the transceiver communicates in accordance with at least a first communications protocol using a shared-communications channel;

determining a transmit opportunity on the shared-communications channel wherein the transmit opportunity is based on ~~the~~ a time at which the beacon frame is received and on the beacon interval; and

sending a notification of the transmit opportunity in accordance with a second communications protocol using the shared-communications channel.

2. (Currently Amended) The method of claim 1 further comprising powering down the ~~first~~ transceiver after determining the transmit opportunity.

3. (Currently Amended) The method of claim 1 further comprising sending a notification that ~~that~~ the transmit opportunity is at an end.

4. (Previously Presented) The method of claim 1 wherein the transceiver remains powered on after sending the notification of the transmit opportunity.

5. (Previously Presented) The method of claim 1 further comprising muting a second transceiver after determining the transmit opportunity, wherein the second transceiver communicates in accordance with the first communications protocol using the shared-communications channel.

6. (Previously Presented) The method of claim 1 wherein the transmit opportunity is based on at least one request to transmit.

7. (Currently Amended) The method of claim 6 ~~wherein receipt of~~ further comprising: periodically receiving the at least one request to transmit ~~is periodic~~.

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8. (Previously Presented) A method comprising:

receiving at a transceiver a first beacon frame wherein the transceiver communicates in accordance with a first communications protocol using a shared-communications channel;

determining a transmit opportunity on the shared-communications channel;

sending a notification of the transmit opportunity in accordance with a second communications protocol using the shared-communications channel; and

powering down the transceiver based on a time remaining before receiving a second beacon frame.

9. (Previously Presented) The method of claim 8 wherein the first beacon frame comprises a beacon interval and wherein the transmit opportunity is based on a reception time of the first beacon frame and the beacon interval.

10. (Currently Amended) The method of claim 8 wherein the powering down ~~is~~ is based on a time taken by the transceiver to recover from leaving a power down state.

11. (Previously Presented) The method of claim 8 further comprising sending a notification that the transmit opportunity is at an end.

12. (Currently Amended) The method of claim 8 further comprising sending an indication to mute a transceiver in accordance with the first communications protocol ~~using the shared-communications channel~~.

13. (Previously Presented) The method of claim 8 wherein the transmit opportunity is based on at least one request to transmit.

14. (Currently Amended) The method of claim 13 ~~wherein receipt of~~ further comprising: periodically receiving the at least one request to transmit ~~is periodic~~.

15. (Currently Amended) An apparatus comprising:

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a first air interface subsystem comprising:

a receiver <u>configured</u> for receiving a beacon frame in accordance with a first communications protocol using a shared-communications channel wherein the beacon frame comprises a beacon interval;

a processor <u>configured</u> for determining a transmit opportunity on the shared-communications channel wherein the transmit opportunity is based on the time at which the beacon frame is received and on the beacon interval; and

an interface <u>configured</u> for notifying a second air interface subsystem of the transmit opportunity, wherein the second air interface subsystem comprises a first transmitter, wherein the first transmitter <u>is configured to communicate</u> ~~communicates~~ in accordance with a second communications protocol using the shared-communications channel, and wherein the first air interface subsystem and the second air interface subsystem are <u>both configured to be</u> associated with [[the]] <u>a</u> same host computer.

16. (Currently Amended) The apparatus of claim 15 further comprising a second transmitter wherein the second transmitter <u>is configured to communicate</u> ~~communicates~~ in accordance with the first communications protocol using the shared-communications channel.

17. (Currently Amended) The apparatus of claim 16 wherein at least one of the receiver and the second transmitter <u>are configured to power</u> ~~powers~~ down after the processor determines the transmit opportunity.

18. (Currently Amended) The apparatus of claim 16 wherein the receiver and the second transmitter <u>are configured to</u> remain powered on after the interface notifies the second air interface subsystem <u>of the transmit opportunity</u>.

19. (Currently Amended) The apparatus of claim 15 wherein the transmit opportunity is also based on at least one request to transmit ~~being~~ received from the second air interface subsystem.

20. (Currently Amended) An apparatus comprising:

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a station comprising:

a first air interface subsystem <u>configured</u> for:

transmitting a first data block in accordance with a first communications protocol using a shared-communications channel,

receiving a beacon frame, and

determining a transmit opportunity on the shared-communications channel wherein the transmit opportunity is based on the beacon frame; and

a second air interface subsystem <u>configured</u> for transmitting a second data block in accordance with a second communications protocol using the shared-communications channel; and

a host computer <u>configured</u> for:

providing the [[first-data]] <u>first data</u> block to the first air interface subsystem; and

providing the second data block to the second air interface subsystem.

21. (Currently Amended) The apparatus of claim 20 wherein the beacon frame comprises a beacon interval and wherein the transmit opportunity is also based on [[the]] <u>a</u> time at which the ~~first~~ beacon frame is received and on the beacon interval.

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ATTORNEY DOCKET NO.: 08-1502-US
S/N: 10/680,876
FILING DATE: OCTOBER 8, 2003